

HAND-HELD LASER WELDING WAND FILLER MEDIA DELIVERY SYSTEMS AND METHODS

ABSTRACT OF THE DISCLOSURE

A hand-held laser welding wand includes one or more filler media delivery flow passages. The wand is dimensioned to be grasped with a single hand, thus filler media of various types and forms may be supplied to the weld area on a workpiece using various types of delivery systems and methods, including fully automated, semi-automated, or manually. The filler media may be delivered via the filler media delivery passages or separate from the passages.